## EXHIBIT "F"

FASTA searches a protein or DNA sequence data bank version 3.3t05 March 30, 2000 Please cite: W.R. Pearson & D.J. Lipman PNAS (1988) 85:2444-2448 /tmp/fastaCAACZaWfX: 1219 aa >SEQ ID NO 23 human transporter /tmp/fastaDAADZaWfX library searching /tmp/fastaDAADZaWfX library 1382 residues in 1 sequences FASTA (3.34 January 2000) function [optimized, BL50 matrix (15:-5)] ktup: 2 join: 40, opt: 28, gap-pen: -12/ -2, width: 16 Scan time: 0.050 The best scores are: opt gi|21729873|ref|NP\_115972.2| ATP-binding cassette (1382) 4838 >>gi|21729873|ref|NP\_115972.2| ATP-binding cassette, sub (1382 aa) initn: 7928 init1: 4838 opt: 4838 Smith-Waterman score: 7606; 88.061% identity in 1382 aa overlap (1-1219:1-1382) MTRKRTYWVPNSSGGLVNRGIDIGDDMVSGLIYKTYTLQDGPWSQQERNPEAPGRAAVPP SEO gi|217 MTRKRTYWVPNSSGGLVNRGIDIGDDMVSGLIYKTYTLQDGPWSQQERNPEAPGRAAVPP WGKYDAALRTMIPFRPKPRFPAPQPLDNAGLFSYLTVSWLTPLMIQSLRSRLDENTIPPL SEQ gi|217 WGKYDAALRTMIPFRPKPRFPAPQPLDNAGLFSYLTVSWLTPLMIQSLRSRLDENTIPPL SVHDASDKNVORLHRLWEEEVSRRGIEKASVLLVMLRFQRTRLIFDALLGICFCIASVLG SEO gi|217 SVHDASDKNVQRLHRLWEEEVSRRGIEKASVLLVMLRFQRTRLIFDALLGICFCIASVLG

PILIIPKILEYSEEQLGNVVHGVGLCFALFLSECVKSLSFSSSWIINQRTAIRFQAAVSS SEQ gi|217 PILIIPKILEYSEEQLGNVVHGVGLCFALFLSECVKSLSFSSSWIINQRTAIRFRAAVSS FAFEKLIQFKSVIHITSGEAISFFTGDVNYLFEGVCYGPLVLITCASLVICSISSYFIIG SEO gi 217 FAFEKLIQFKSVIHITSGEAISFFTGDVNYLFEGVCYGPLVLITCASLVICSISSYFIIG YTAFIAILCYLLVFPLEVFMTRMAVKAQHHTSEVSDQRIRVTSEVLTCIKLIKMYTWEKP SEO gi|217 YTAFIAILCYLLVFPLAVFMTRMAVKAQHHTSEVSDQRIRVTSEVLTCIKLIKMYTWEKP SEO FAKIIEDLRRKERKLLEKCGLVQSLTSITLFIIPTVATAVWVLIHTSLKLKLTASMAFSM gi|217 FAKIIEDLRRKERKLLEKCGLVQSLTSITLFIIPTVATAVWVLIHTSLKLKLTASMAFSM 

|    | SEQ           | 430 440 450 460 470 480 LASLNLLRLSVFFVPIAVKGLTNSKSAVMRFKKFFLQESPVFYVQTLQDPSKALVFEEAT  | · |
|----|---------------|---|---|
|    | gi 217        | LASLNLLRLSVFFVPIAVKGLTNSKSAVMRFKKFFLQESPVFYVQTLQDPSKALVFEEAT<br>430 440 450 460 470 480   |   |
|    | SEQ<br>gi 217 | 490 500 510 520 530 540 LSWQQTCPGIVNGALELERNGHASEGMTRPRDALGPEEEGNSLGPELHKINLVVSKGMML LSWQQTCPGIVNGALELERNGHASEGMTRPRDALGPEEEGNSLGPELHKINLVVSKGMML LSWQQTCPGIVNGALELERNGHASEGMTRPRDALGPEEEGNSLGPELHKINLVVSKGMML 490 500 510 520 530 540  |   |
| •  | SEQ           | 550 560 570 580 590 600  GVCGNTGSGKSSLLSAILEEMHLLEGSVGVQGSLAYVPQQAWIVSGNIRENILMGGAYDK   |   |
| •: | gi 217        | GVCGNTGSGKSSLLSAILEEMHLLEGSVGVQGSLAYVPQQAWIVSGNIRENILMGGAYDK<br>550 560 570 580 590 600   |   |
|    | SEQ<br>gi 217 | 610 620 630 640 650 660 ARYLQVLHCCSLNRDLELLPFGDMTEIGERGLNLSGGQKQRISLARAVYSDRQIYLLDDP  :::::::::::::::::::::::::::::::::   |   |
|    | SEQ<br>gi 217 | 670 680 690 700 710 720  SAVDAHVGKHIFEECIKKTLRGKTVVLVTHQLQYLEFCGQIILLENGKICENGTHSELM  SELVINI |   |
|    | SEQ<br>gi 217 | 730  OKKGKYAQLIQKMHKEATS  |   |
|    | SEQ           | ·   |   |
|    | gi 217        | EMEEGSLSWRVYHHYIQAAGGYMVSCIIFFFVVLIVFLTIFSFWWLSYWLEQGSGTNSS<br>790 800 810 820 830 840  | , |
|    | SEQ           | ·   |   |
| ٠  | gi 217        | RESNGTMADLGNIADNPQLSFYQLVYGLNALLLICVGVCSSGIFTKVTRKASTALHNKLF<br>850 860 870 880 890 900   |   |
|    | SEQ<br>gi 217 | 40 750 760 770 780 790 -VFRCPMSFFDTIPIGRLLNCFAGDLEQLDQLLPIFSEQFLVLSLMVIAVLLIVSVLSP -::::::::::::::::::::::::::::::::::::  |   |
|    |               | 00 810 820 830 840 850<br>TLLMGAIIMVICFIYYMMFKKAIGVFKRLENYSRSPLFSHILNSLQGLSSIHVYGKTED   |   |

| SEQ<br>gi 217     | 860<br>FISQFI<br>:::::<br>FISQFI |  | 880<br>LLLFLSSTRWN<br>:::::::::<br>LLLFLSSTRWN<br>1040  | ANT DI CIMPNI                         | 900<br>LVTLAVALFV<br>:::::::::<br>LVTLAVALFV<br>1060 | Δ Ε C Τ C C T D V C                   | SFKVMA<br>::::::<br>SFKVMA<br>1080 |
|-------------------|----------------------------------|--|---|---------------------------------------|--|---------------------------------------|------------------------------------|
| <br>SEQ<br>gi 217 |                                  | :::::::::<br>DLASSFOATAI               | 940<br>RIGLETEAQFT<br>:::::::<br>RIGLETEAQFT<br>1100    | TAVERILQYM<br>:::::::::<br>TAVERILOYM | KMCVSEAPLH<br>:::::::<br>KMCVSEAPLH                  | MEGTSCPQGV<br>:::::::::<br>MEGTSCPOGV | :::::<br>VPOHGE                    |
| SEQ<br>gi 217     | ::::::                           | : : : : : : : : : :                    | 1000<br>TVLHGINLTIF<br>:::::::::<br>TVLHGINLTIF<br>1160 |                                       | RTGSGKSSLG<br>::::::::<br>RTGSGKSSLG                 | MALFRLVEPM                            | :::::                              |
| SEQ               | :::::                            | :::::::::<br>CSIGLEDLRS                | 1060<br>SKLSVIPQDPV<br>::::::::<br>SKLSVIPQDPV<br>1220  | :::::::<br>LLSGTIRFN                  | LDPFDRHTDQ<br>:::::::::<br>LDPFDRHTDQ                | QIWDALERTF                            | :::::                              |
| SEQ               | ::::::                           | KLHTDVVENGO                            | 1120<br>ENFSVGERQLI<br>:::::::::<br>ENFSVGERQLI<br>1280 | ::::::::<br>CIARAVLRNS                | SKIILIDEATA  | ASIDMETDTL                            | :::::                              |
| SEQ               | REAFQC<br>::::::<br>REAFQC       | :::::::::::::::::::::::::::::::::::::: | 1180<br>TTTVLNCDHIL<br>:::::::::<br>TTVLNCDHIL<br>1340  | VMGNGKVVEI<br>::::::::<br>VMGNGKVVEI  | ::::::::<br>FDRPEVLRKKI                              | PGSLFAALMA<br>:::::::::<br>PGSLFAALMA | ::::::                             |
| SEQ               | LR                               |  |   |                                       |  |                                       |                                    |

SEQ LR :: gi|217 LR

1219 residues in 1 query sequences 1382 residues in 1 library sequences Scomplib [version 3.3t05 March 30, 2000] start: Mon Nov 11 10:23:05 2002 done: Mon Nov 11 10:23:06 2002 Scan time: 0.050 Display time: 2.400

Function used was FASTA